

**SITE SPECIFIC RECOMBINASE-BASED METHODS FOR PRODUCING  
INTRON CONTAINING VECTORS AND COMPOSITIONS FOR USE IN  
PRACTICING THE SAME**

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**ABSTRACT OF THE DISCLOSURE**

Methods are provided for producing a vector that includes at least one  
splicable intron. In the subject methods, intron containing vectors are produced  
from donor and acceptor vectors that each include a site specific recombinase  
10 site, where the subject donor and acceptor vectors further include splice donor  
and acceptor sites that, upon site specific recombination of the donor and  
acceptor vectors, define an intron in the product vector of the recombination step.  
Also provided are compositions for use in practicing the subject methods,  
including the donor and acceptor vectors themselves, as well as systems and kits  
15 that include the same. The subject invention finds use in a variety of different  
applications, including the production of expression vectors that encode C-  
terminal tagged fusion proteins, the production of expression vectors that encode  
pure protein and not a fusion thereof, and the like.

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